FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

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MMB DOCKET NO. 1007-0580
Emerson Docket No. MAL-03-010

APPLICATION NO. 10/730,475

APPLICANT(S): Smock et al.

FILING DATE: December 8, 2003

GROUP ART UNIT: To be assigned

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	т				U.S. 1	PATENT	DOCUMENTS					
EXAMINER INITIAL		DOCU NUM	UMENT IBER		DATE		NAME	CL	ASS.	SUB-	CLASS	FILING DATE
i~	AA	3,438,666			04/15/1969		Erickson			 		
/ AB		3,569,670		03/09/1971		Christian		† <i>†</i>		-/-		
1	AC	3,646	3,646,612		02/29/1972		Anderson		_		+	
	AD 3,750,643		08/07/1973		Fowler et al.		+	 	+-			
	AE	3,831,	3,831,580		08/27/1974		McLean		+-		f	
	AF	3,859,	3,859,979		01/14/1975		Gilliom		+			
	AG	4,082,	,077		04/04/1978		Marfatia et al.		 			
	AH	4,082,	,078		04/04/1978		Thulcen et al.	_	†	1		
	AI	4,109,	4,109,637		08/29/1978		Drouin		 	 		
	AJ	4,127,	,101		11/28/1978		Tilton		†	$\vdash \uparrow$		
W	AK	4,136,667		01/30/1979		Lewis		 				
					FOREI	GN PATE	NT DOCUMENTS			1		<u></u>
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	AM	 		+		+		-				Yes
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ı	AN								ı			Yes No
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	<u> </u>	<u></u>				<u> </u>				L		No
	AQ	T ₁	T	THE	ER (Including	Author, Ti	itle, Date, Pertinent	Pages, e	te.)			
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conformance and not considered. Include copy of this form with next communication to Applicant.												

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			U.S. F	PATE	NT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB-CLASS	FILING DATE
a	BA	4,163,443	08/07/1979		Peterson	1	1	
/	BB	4,201,901	05/06/1980		Schuchert	 	 	
	BC	4,374,320	02/15/1983	02/15/1983		1 1	 	
	BD	4,593,945	06/10/1986			1-7-	 	
	BE 4,838,586 06/13/1989		Henne	1 1	 			
	BF	4,861,078	05/22/1990		Munoz	11	† <i>†</i>	
	BG	4,927,996			Genbauffe et al.	 - - 	 	
	вн	4,982,063			Tsunekawa et al.	17	11	
	BI	5,004,276	04/02/1991		Hanley	$\neg \neg$		
	BJ	5,220,153	06/15/1993		Malone et al.	11	1	
h	ВК	5,419,305	05/30/1995		Hanley			
			FOREIG	N PA	TENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE CO		DUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	ВМ							Yes No
	BN			T				Yes No
	ВО			\top		·		Yes No .
•	ВР			+		 		Yes No
		<u> </u>	OTHER (Including A	uthor	r, Title, Date, Pertinent Pa	ges, etc.)	<u></u> .	
-	BQ	2						
	BR	2	······································					
	BS	2						
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APPLICATION NO. 10/730,475	
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GROUP ART UNIT: To be assign	ied

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U.S. PATENT DOCUMENTS EXAMINER INITIAL **DOCUMENT** DATE NAME CLASS SUB-CLASS FILING DATE NUMBER 5,493,099 CA 02/20/1996 McWilliams, III CB 6,079,756 06/27/2000 Phillips 6,302,098 10/16/2001 CC Smith CD 6,315,336 11/13/2001 Swartzell CE ÇF CG CH CI CJ CK FOREIGN PATENT DOCUMENTS **EXAMINER** INITIAL DOCUMENT DATE COUNTRY CLASS SUB-CLASS TRANSLATION NUMBER BL Yes No BM Yes No BN Yes No BO Yes No BP Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) BQ 3 BR 3 BS **EXAMINER** DATE CONSIDERED 12-08-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to Applicant.

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